

Scott A. Hile
Benchmark Construction, LLC
2711 Banks Avenue,
Fort Wayne, Indiana, 46802

Re: 003-11526
First Administrative Amendment to
FESOP 003-9712-00292

Dear Scott A. Hile:

Benchmark Construction, LLC was issued a permit on July 22, 1998 for batch mix hot asphalt manufacturing plant. A letter requesting a change in the mailing address and process operating capacity was received on November 4, 1999. Pursuant to the provisions of 326 IAC 2-8-10 the permit is hereby administratively amended with changes marked in bold and strikeout as follows:

1. The mailing address of the facility is changed to 2711 Banks Avenue, Fort Wayne, Indiana 46802.

Section A.1, FESOP Certification form, Emergency/Deviation Occurrence Report, Quarterly Compliance Monitoring Report, Quarterly Report of the permit are modified as follows:

Mailing address: ~~9011 Front Street, Fort Wayne, Indiana, 46818~~ **2711 Banks Avenue, Fort Wayne, Indiana 46802**

2. The permittee has requested that the plant process operating limit be revised to 280 tons per hour. The permittee had provided information from the stack test carried out on 9/20/1999. In this test maximum rate of 267.5 tons per hour was achieved. After consultation with compliance section, it has been determined that the enforceable condition of PM emission of 51.8 pounds per hour will not be violated with this change as the PM emission rate in this stack test was 5.53 pounds per hour.

This change has been implemented in section A and D of the FESOP as follows:

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary ~~250~~ **280** ton per hour batch-mix hot asphalt manufacturing plant.

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

- (a) one (1) ~~250~~ **280** ton per hour drum dryer exhausting through a baghouse at Stack #2,

SECTION D.1**FACILITY OPERATION CONDITIONS**

- (a) one (1) ~~250~~ **280** ton per hour drum dryer exhausting through a baghouse at Stack #2,

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Gurinder Saini, at (800) 451-6027, press 0 and ask for Gurinder Saini or extension (3-0203), or dial (317) 233-0203.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments

GS

cc: File - Allen County
U.S. EPA, Region V
Allen County Health Department
Air Compliance Section Inspector Jennifer Dorn
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

**FEDERALLY ENFORCEABLE STATE
OPERATING PERMIT (FESOP)
and ENHANCED NEW SOURCE REVIEW
OFFICE OF AIR MANAGEMENT**

**Benchmark Construction, LLC
2711 Banks Avenue
Fort Wayne, Indiana 46802**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 and 326 IAC 2-1-3.2, as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F003-9712-00292	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: July 22, 1998
First Administrative Amendment 003-11526	Pages Affected: 5, 28, 33-37
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary 280 ton per hour batch-mix hot asphalt manufacturing plant.

Responsible Official: Scott A. Hile
Source Address: 2711 Banks Avenue, Fort Wayne, Indiana, 46802
Mailing Address: 2711 Banks Avenue, Fort Wayne, Indiana, 46802
SIC Code: 2951
County Location: Allen
County Status: Attainment
Source Status: Federally Enforceable State Operating Permit (FESOP)
Minor Source under PSD and Emission Offset Rules;

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]

This stationary source consists of the following emission units and pollution control devices:

- (a) one (1) 280 ton per hour drum dryer exhausting through a baghouse at Stack #2,
- (b) one (1) 96.8 million British thermal units per hour dryer burner firing natural gas and exhausting through a baghouse at Stack #2,
- (c) one (1) 1.12 million British thermal units per hour hot oil heater firing no.2 distillate oil exhausting at stack #1,
- (d) one (1) fuel oil storage tank designated H.U.#1 having a capacity of 1,000 gallons, and
- (e) one (1) liquid asphalt storage tank designated BURNER #1 having a capacity of 25,000 gallons.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) petroleum fuel, other than gasoline, dispensing facility with storage capacity less than 10,500 gallons and dispensing less than or equal to 230,000 gallons per month
- (b) vessels storing lubricating oils, hydraulic oils, and machining fluids
- (c) quality control lab which is considered a "laboratory" as defined in 326 IAC 2-7-1(20)(C).

SECTION D.1

FACILITY OPERATION CONDITIONS

- (a) one (1) 280 ton per hour drum dryer exhausting through a baghouse at Stack #2,
- (b) one (1) 96.8 million British thermal units per hour dryer burner firing natural gas and exhausting through a baghouse at Stack #2, and
- (c) one (1) 1.12 million British thermal units per hour hot oil heater firing no.2 distillate oil exhausting at stack #1.

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.1.1 Particulate Matter (PM) [326 IAC 6-3]

Pursuant to 326 IAC 6-3-2 (Process Operations: Particulate Emission Limitations) particulate matter emissions from the aggregate dryer/mixer shall not exceed 51.8 pounds per hour. This emission limitation is equivalent to 226.8 tons per year of particulate matter (PM) emissions.

D.1.2 Particulate Matter (PM)

That for batch plants, the rate of addition of emulsified asphalt to the pugmill shall be no greater than 7.1 pounds per second per ton of batch size.

D.1.3 Particulate Matter 10 Microns (PM10) [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4, emissions of particulate matter 10 microns or less in diameter (PM10) from the aggregate dryer/mixer shall not exceed 21.1 pounds per hour, including both filterable and condensable fractions. Compliance with this limit will satisfy 326 IAC 2-8-4. Therefore, the Part 70 rules (326 IAC 2-7) do not apply.

D.1.4 Volatile Organic Compounds (VOC) [326 IAC 8-5-2]

- (a) Pursuant to 326 IAC 8-5-2 (Miscellaneous Operations: Asphalt Paving), no person shall cause or allow the use of cutback asphalt or asphalt emulsion containing more than seven percent (7%) oil distillate by volume of emulsion for any paving application except:

- (1) penetrating prime coating
- (2) stockpile storage
- (3) application during the months of November, December, January, February, and March.

D.1.5 Volatile Organic Compounds (VOC)

The input VOC usage in the production of cold mix cutback asphalt shall be limited to 102.9 tons per twelve (12) consecutive month period. This is equivalent to VOC emissions of 97.8 tons per twelve (12) consecutive month period based on 95% volatilization. During the first twelve (12) months of operation, the input VOC usage shall be limited such that the total usage divided by the accumulated months of operation shall not exceed the limit specified. Therefore, the Part 70 rules (326 IAC 2-7) do not apply.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
CERTIFICATION**

Source Name: Benchmark Construction, LLC
Source Address: 2711 Banks Avenue, Fort Wayne, Indiana, 46802
Mailing Address: 2711 Banks Avenue, Fort Wayne, Indiana, 46802
FESOP No.: F003-9712-00292

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

- ☒ Annual Compliance Certification Letter
- ☐ Test Result (specify) _____
- ☐ Report (specify) _____
- ☐ Notification (specify) _____
- ☐ Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY/DEVIATION OCCURRENCE REPORT**

Source Name: Benchmark Construction, LLC
Source Address: 2711 Banks Avenue, Fort Wayne, Indiana, 46802
Mailing Address: 2711 Banks Avenue, Fort Wayne, Indiana, 46802
FESOP No.: F003-9712-00292

This form consists of 2 pages

Page 1 of 2

Check either No. 1 or No.2

9 1. This is an emergency as defined in 326 IAC 2-7-1(12)
CThe Permittee must notify the Office of Air Management (OAM), within four **(4)** business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
CThe Permittee must submit notice in writing or by facsimile within two **(2)** days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16

9 2. This is a deviation, reportable per 326 IAC 2-7-5(3)(c)
CThe Permittee must submit notice in writing within ten **(10)** calendar days

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:

Control Equipment:

Permit Condition or Operation Limitation in Permit:

Description of the Emergency/Deviation:

Describe the cause of the Emergency/Deviation:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency/Deviation started:
Date/Time Emergency/Deviation was corrected:
Was the facility being properly operated at the time of the emergency/deviation? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency/deviation:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____
Title / Position: _____
Date: _____
Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY COMPLIANCE MONITORING REPORT**

Source Name: Benchmark Construction, LLC
Source Address: 2711 Banks Avenue, Fort Wayne, Indiana, 46802
Mailing Address: 2711 Banks Avenue, Fort Wayne, Indiana, 46802
FESOP No.: F003-9712-00292

Months: _____ **to** _____ **Year:** _____

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted quarterly. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.

Compliance Monitoring Requirement (eg. Permit Condition D.1.3)	Number of Deviations	Date of each Deviation

Form Completed By: _____
Title/Position: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

Quarterly Report

Source Name: Benchmark Construction, LLC
Source Address: 2711 Banks Avenue, Fort Wayne, Indiana, 46802
Mailing Address: 2711 Banks Avenue, Fort Wayne, Indiana, 46802
FESOP No.: F003-9712-00292
Facility: cold mix cutback asphalt production
Parameter: volatile organic compound (VOC) usage
Limit: VOC usage not to exceed 102.9 tons per twelve (12) consecutive month period based on 95% volatilization.

YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	Usage This Month (tons VOC/mo.)	Usage Previous 11 Months (tons VOC)	12 Month Total (tons VOC/12 months)

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____